

The Clemson Agricultural College
Clemson, South Carolina

MINUTES

of the meeting of

THE CLEMSON AGRICULTURAL COLLEGE
BOARD OF TRUSTEES

held at The Clemson House

October 29, 1956

The Board convened at 9:15 a. m. with the following members present: Messrs. R. M. Cooper, President of the Board, Presiding; W. A. Barnette, Robert S. Campbell, Charles E. Daniel, J. F. McLaurin, Paul Sanders, Winchester Smith, Robert L. Stoddard, T. Wilbur Thornhill, and T. B. Young. Others present were R. F. Poole, F. M. Kinard, W. T. Cox, M. A. Wilson, R. C. Edwards, F. J. Jervey, J. E. Sherman, H. E. Glenn, W. L. Watkins, G. E. Metz, and E. J. Bofferding.

Item 1. Minutes of the Meeting of June 11, 1956

Correction on Size of Dairy Herd: Dr. Cooper and Mr. McLaurin proposed that the recommendation as approved under Item 12 (2) of the minutes of June 11, 1956, be corrected to read as follows:

That the size of the herd of dairy cattle be reduced to 500, with a leeway of two per cent.

Listing on Retirements and Continuation in Service: The Chairman proposed that that action of the Board under Item 27 of the minutes of June 11, 1956, include the names of the individuals to be retired or continued in service and other information as originally presented to the Board in the "President's Report and Recommendations -- April 9, 1956," with the action of the Board under Item 27 (June 11, 1956) to read as follows:

- (1) That the following individuals be continued in service until such time as they become fully insured under the provisions of the Federal Insurance Compensation Act and that they be retired on the dates they become fully insured:

Name	Title	Age	Service With CAC	Max. Date fully ins. (#)
(With name, title, age, length of service, and maximum date fully insured as originally presented in the "President's Report and Recommendations -- April 9, 1956") (#)				
Barkley, Elizabeth	Seamstress, Clemson H.	66	11 yrs.	6/30/57
Bradwell, Mabel Lee	Steno., Co.Agt.Of.,Ext.	70	25 yrs.	12/31/56
Brown, Claude Knox	Carpenter, Phy. Plant	65	26 yrs.	9/30/57
Cochran, Walter Berry	Night Supt. Housing	69	9 yrs.	12/31/56
Cook, Edward Williams	Foreman, An. Husb.	68	30 yrs.	12/31/56
Dillard, Frank	Supt. Laundry	66	45 yrs.	3/31/57
Fernow, Bernhard E.	Prof. Mech. Eng.	72	29 yrs.	1/31/57*
Gaillard, Eliz. Allen	Steno.,Co.Agt.Of.,Ext.	72	23 yrs.	12/31/56

* Indicates end of semester nearest following date fully insured.

(#). (See also subsequent Board action concerning retirement dates under Item 5 below.)

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Hall, Evey Eugene	Supt., Pee Dee Sta.	67	42 yrs.	12/31/56
Holden, Ernest Clayton	Watchman, Clemson H.	70	4 yrs.	12/31/56
Jenkins, Clifton	Laborer, Physical Plant	72	7 yrs.	12/31/56
Martin, Fred (NE)	Laborer, Pee Dee Sta.	67	33 yrs.	12/31/56
Reese, Rena	Hand Washer, Laundry	66	13 yrs.	6/30/57
Taylor, Rupert	Prof., English	72	29 yrs.	1/31/57*
Vance, Sidney	Waiter, Dining Hall	73	8 yrs.	12/31/56
Walker, Henry Brady	Laborer, Physical Plant	72	19 yrs.	12/31/56
Watkins, Janie	Folder, Laundry	67	31 yrs.	12/31/56
Wood, E. J.	Cleaning Supv., C.H.	65	5 yrs.	9/30/57

- (2) That the following individuals who will be 70 years of age, or over, but will not have reached their 72 birthday on July 1, 1956, be continued in service for the fiscal year 1956-1957:

Name	Title	Age	Service with CAC
(With name, title, age and length of service as presented in the "President's Report and Recommendations -- April 9, 1956")			
Dillard, Ernest	Asst. in Indus. Eng.	70	50 yrs.
Honour, Emily Kate	Steno., H.D. Agt., Ext.	70	15 yrs.
Marshall, John Logan	Prof., Wood Shop & Head	70	39 yrs.
Rhyne, Orestes Pearl	Prof., Modern Languages	70	30 yrs.
Rosenkrans, Duane B.	Prof., Botany	70	43 yrs.
Sitton, Henry Phillip (NE)	Machinist, ag. Bldg. Pro.	71	10 yrs.

- (3) That the following individuals who will have reached the age of 65 but who will not have attained the age of 70 on July 1, 1956, be continued in the service of the College for the fiscal year 1956-1957:

Anderson, George Marshall	Asst. State Path. Ent	65	10 yrs.
Brown, Andrew Joseph	Staff Asst., Comptroller	65	24 yrs.
Brown, Daniel Cleveland	Tailor, Laundry	67	30 yrs.
Carns, Ware	Foreman, Sandhill Sta.	65	30 yrs.
Chester, Thomas	Waiter, Dining Hall	67	7 yrs.
Colvin, Flossie J.	Steno., Co. Agt. Of., Ext.	69	18 yrs.
Cooper, Herbert Press	Prof., Agronomy	69	26 yrs.
Cooper, Irven Roland	Asst. State Vet.	67	25 yrs.
Crouch, Sidney J. L.	Prof., Inter. Relations	66	31 yrs.
Evans, Samuel E.	Ag. Agt., Ext.	69	14 yrs.
Fendley, Frank J.	Asst. in Ag. Engr., Exp.	66	13 yrs.
Ferrier, Wallace T.	Prof., Ag. Econ.	67	19 yrs.
Fisher, Earl T.	Asst. State Vet. Livestock	65	36 yrs.
Foy, John Treutlen	Chemist, Fert. Inspec.	66	45 yrs.
Hayes, Lula Bayard	Steno., Co. Agt. Of., Ext.	66	3 yrs.
Hubbard, Jesse M.	Head Butcher, Dining Hall	66	3 yrs.
Jenkins, Clarence F. (NE)	Laborer, Hort.	68	17 yrs.
Lazar, Jamie T.	District Agt., Ext.	66	30 yrs.
McGuire, William E.	Supt. of Buildings	66	12 yrs.
Neely, Juanita H.	State H.D. Agt., Ext.	66	38 yrs.
Patrick, Charner Scaife	Head, Farms	69	42 yrs.
Pettigrew, Eddie	Janitor, Physical P.	66	5 yrs.
Rayle, Rosalie Cliatt	Co. H.D. Agt., Ext.	65	8 yrs.
Reid, Willie	Dishwasher, Dining Hall	69	26 yrs.
Riley, James Alvin	Agron., Sandhill Sta.	65	43 yrs.
Seabrook, Portia	Clothing Spec., Ext.	65	22 yrs.
(Since the April Meeting Portia Seabrook has applied for retirement.)			
Simpson, Francis Marion (NE)	Visiting Prof., Ag. Ec.	69	4 yrs.
Starkey, Lawrence V.	Prof., & Head An. Husb.	68	37 yrs.
St. Hubert, Robert L.	Visiting Prof., Arch.	69	10 yrs.
Vandiver, William A. C.	Laborer, Physical Plant	66	9 yrs.
Ward, Audley H.	District Agt., Ext.	65	36 yrs.
Worley, Gertrude A.	Sec.-Clerk Fert. Dept.	68	18 yrs.

Board Action on Minutes of June 11, 1956: The proposed corrections were approved and the minutes adopted as corrected.

* Indicates end of semester nearest following date fully insured.

NE Indicates that employee is not a member of State Retirement System.

Item 2. Request for Four-Year Curriculum in Transportation

Request: The Board of Trustees granted Mr. George F. Murphy an appearance before the Board. Mr. Murphy presented a request that the College establish a regular four-year curriculum in transportation. He said that he was speaking for all types of carriers since he was representing the motor transportation industry as well as the Delta Nu Alpha Transportation Fraternity.

Mr. Murphy emphasized the need for college trained men in motor transportation and the lack of college trained men in this field. He also said that no such course was available in South Carolina and that South Carolina students have to go out of the state for this training with the University of Tennessee being the nearest college having a good program in this field.

Board Action: It was moved and passed that this request be referred to the Educational Policy and Student Affairs Committee of the Board of Trustees to work with college officials in studying the matter and that a report of the Committee be presented at the next meeting of the Board of Trustees.

Item 3. Proposed Budget Requests for 1957-1958

Presentation: With the use of demonstrator charts, Mr. Wilson presented the Proposed Budget Requests for 1957-1958. These charts, based upon the Proposed Budget Requests discussed with the Executive Committee on October 15 and attached to the "President's Report and Proposed Agenda -- October 29, 1956", outlined the proposed Budget Requests under the five categories of (1) Collegiate Activities and Maintenance, (2) South Carolina Experiment Station, (3) Extension Service, (4) Livestock Sanitary Department, and (5) Fertilizer Inspection and Analysis Department.

President's Recommendation: That we request the following appropriations for fiscal year 1957-1958:

Funds for continuation of existing programs

Collegiate activities and maintenance	\$ 2,603,933
S. C. Experiment Station	753,110
Agricultural Extension Service	1,045,000
Livestock Sanitary Department	229,863
Fertilizer Inspection and Analysis	80,023

Funds for new programs and facilities

Collegiate activities and maintenance	213,900
S. C. Experiment Station	87,000
Agricultural Extension Service	7,500
Livestock Sanitary Department	51,500

Board Action: In an executive session the Board considered the Proposed Budget Requests for 1957-1958 as attached to the "President's Report and Proposed Agenda -- October 29, 1956" and took the following actions:

I. Collegiate Activities and Maintenance *A. Funds for Existing ProgramsItemBoard Action

1(a) Faculty Salaries

That the proposed increase be reduced by 50% with the increase in any individual case not to exceed 4%.

* The outline form here presented corresponds to the outline form in the Proposed Budget Requests attached to the "President's Report and Proposed Agenda -- October 29, 1956." Similarly, the items listed refer to the respective items listed in the attachments to the "President's Report and Proposed Agenda -- October 29, 1956."

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2(a) New Faculty Positions

That the number of new positions be reduced to 15 with the provision that if the increase in the student body is greater than expected that an appeal can be made to the Executive Committee which is hereby authorized to act on this matter with the understanding that a minimum faculty-student ratio of 1:16 is maintained.

All Other Items under "Funds for Existing Programs"

Approved.

B. Additional Requests for New Programs and Facilities

ItemBoard Action

1. Physical Education Program

Approved.

2. Forestry Instruction Program

Approved.

3. 1,000,000 Gallon Portable Water Storage

That this item be deleted.

II. South Carolina Experiment Station

A. Funds for Existing Programs

ItemBoard Action

1(a) Salaries -- Current Positions

That the proposed increase be reduced by 50% with the increase in any individual case not to exceed 4%.

1(b) Salaries -- New Positions

That this item be deleted.

3. Supplies and Services

That the proposed increase be reduced to \$30,000.

4. Equipment

That the proposed increase be reduced to \$5,300.

5. Permanent Improvements

That the proposed increase be reduced to \$6,000.

All Other Items under "Funds for Existing Programs"

Approved.

B. Additional Requests for New Programs and Facilities

ItemBoard Action

1. Forestry Research

Approved.

2. Special Research in Poultry

Approved.

3. Research on Ornamental Plants

That the request on this item be limited to \$15,000 with the research on ornamental plants to be conducted at the main experiment station at Clemson.

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III. Extension Service

A. Proposed Budget Request as Recommended

<u>Item</u>	<u>Board Action</u>
2. Increased Funds Needed to Make Appropriate Salary Adjustments	That the increase be reduced to \$60,000 with the increase in any individual case not to exceed 4%.
3. Funds Needed for Ornamental Horticulture Landscape Design	That this item be deleted.

B. Additional Items Approved

<u>Item</u>	<u>Board Action</u>
Specialists in Agronomy (Page 3 of "Extension Service - Report to the Agricultural Committee")	That this item be added to Proposed Budget Request.
Camp Bob Cooper (Page 3 of "Extension Service - Report to the Agricultural Committee")	(1) That the requests for the amounts for the dining hall and kitchen, caretaker's residence, and improvements to recreation hall be added to the Budget Request; and
Dining Hall & Kitchen \$44,000	(2) that the request for funds for the swimming pool not be added. The Board suggested the establishment of an additional charge of \$1.00 per person per season to be applied toward a swimming pool.
Swimming Pool (40'x100') 45,000	
Caretaker's Residence 6,000	
Improvements to Recreation Hall 5,000	
\$100,000	

IV. Livestock Sanitary Department

A. Existing Approved Programs

<u>Item</u>	<u>Board Action</u>
All items under "Existing Approved Programs"	Approved.

B. Additional Requests

<u>Item</u>	<u>Board Action</u>
Animal Disease Research	That this item be reduced to \$6,000.
Animal Isolation Building	That this item be deleted.

V. Fertilizer Inspection and Analysis Department

<u>Item</u>	<u>Board Action</u>
All Items	Approved.

VI. President's Salary: In addition to the actions indicated above the Board decided to include in the Budget Requests such funds as necessary to provide for an annual salary for the President in the amount of \$15,000.

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Item 4. Retirement Policy

Board Action: In an executive session the Board adopted unanimously the following retirement policy, with all employees to be notified as soon as practicable:

RETIREMENT POLICY FOR THE CLEMSON AGRICULTURAL COLLEGE

It is the policy of the Board of Trustees of Clemson Agricultural College that all employees of the College both academic and non-academic shall be retired at age sixty-five.

In the operation of this policy an employee who has reached the age of sixty-five may be retained in service beyond age sixty-five under the following conditions:

1. Upon his request for and the endorsement of his Dean or Director, and with the approval of the President, he may be continued in service beyond age sixty-five until the end of the calendar quarter, or in the case of a teacher the end of the semester, in which he becomes fully insured under the Old Age and Survivors Insurance provisions of Title III of the Federal Social Security Act, as amended;
2. A teacher may be continued through the end of the academic year (September to June) in which he attains the age of sixty-five years;
3. Upon rare exceptions and, with the approval of the Executive Committee of the Board of Trustees, an employee may be continued in service upon written justification for each year of continued service under the following conditions:
 - (a) Where active recruitment has been pursued for one year in advance of the pending retirement of an employee without resulting in the location of a suitable replacement; or
 - (b) Where conditions of the labor market are such that the skills possessed by the employee are in such demand that a replacement is not feasible; or
 - (c) Where the overall interests of the College can best be served by retaining the employee for a short period until a suitable replacement can be trained and promoted from within the organization.

Written justification for retention of any individual beyond age sixty-five shall be made by the employee's Dean or Director, endorsed by the President, and submitted to the Executive Committee of the Board of Trustees for action not later than sixty days prior to the normal pending retirement date of the employee concerned. As a corollary to the policies on retirement, a person over age sixty-five may be hired only in those cases where a suitable replacement under that age cannot be found to fill the position.

These policies shall become effective for all employees of the College who have reached age sixty-five and are proposed for retention beyond June 30, 1957. This policy, however, will not apply to interrupt the continued employment of employees who have been granted a one-year period of employment beyond age sixty-five and are now serving within such one-year period.

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Item 5. Amendment to Social Security Act

President's Statement: Information was received October 26, 1956 concerning the 1956 amendment to the Social Security Act and thus was not available when the Board acted on retirement recommendations in June.

The amendment advances the date on which a number of individuals will become fully insured and also advances the date when certain individuals will become eligible for maximum dollar benefits. The difference between benefits when "fully insured" and benefits when qualified for "maximum benefits" is a substantial amount in many cases.

President's Recommendations:

(1) That the administration be authorized to continue in service until June 30, 1957 any individual previously indicated for retirement at an earlier date.

(2) That the retirement date of individuals previously approved by the Board not be advanced to earlier dates as a result of the 1956 amendment to the Social Security Act, since the employees involved have already been informed of their retirement dates.

Board Action: The recommendations were approved.

Item 6. Building Program. Dr. Daniel and Dr. Barnette presented recommendations of the Executive Committee and the Committee on Development and Public Relations as follows:

(1) Recommendation: That the College make application to the State Budget and Control Board requesting that the State of South Carolina sell Student Tuition Bonds in the name of the College in the sum of \$2,800,000.00 for the construction of permanent improvements at Clemson.

Board Action: Approved.

(2) Recommendation: That the application to the State Budget and Control Board be made as soon as possible after the close of the first semester but with the effective date of application to be the earliest date at which the maximum amount can be obtained.

Board Action: Approved.

(3) Recommendation: That funds derived from the Student Tuition Bond Issue be set aside to construct and equip the Structural Science Building and the Physics Building, and that the following sums of money be set aside for the purpose:

Structural Science Building ----- \$1,900,000.00

Physics Building ----- 900,000.00

Board Action: Approved.

(4) Recommendation: That in the event the application of the college for funds from private sources in the sum of \$1,500,000.00 for the Structural Science Building becomes available, the \$1,100,000.00 of the \$1,900,000.00 assigned from the Student Tuition Bond Sale to this building be made available for constructing and equipping a Chemical Engineering Building.

Board Action: Approved.

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(5) Recommendation: That funds for the construction of the badly needed classroom building be requested from the General Assembly of South Carolina as a direct appropriation or the State requested to arrange a loan for the institution to provide the necessary funds until such time as the College is authorized to apply for the issue of, and secure funds from, additional revenue bonds. The sum of \$900,000 was agreed upon as the amount of money needed for the construction of this building.

Board Action: Approved.

(6) Recommendation: That the site for the Physics Building be the same as indicated on the Master Plan, except that if the building is not as large as originally planned, the north end may be located south of the location indicated on the Master Plan.

Board Action: Approved.

(7) Recommendation: That the site for the Structural Science Building be as indicated on the Master Plan modified as shown on the plot plan of the building prepared by Lockwood Greene Engineers, Inc.

Board Action: Approved.

(8) Statement: Dr. Daniel reported that at the joint meeting of the Executive and Development Committees on October 15, 1956, the preliminary plans for the Physics Building and the Structural Science Building were approved and the Building Committee directed to proceed with the architects and engineers in the preparation of final plans and specifications.

Recommendation: That the above action be confirmed by the Board.

Board Action: The action of the Board Committees were confirmed by the Board.

Item 7. Right-of-Way Across LU Lands

President's Request: We have granted a right-of-way across LU lands to the Duke Power Company to extend its power line to the Clemson Lower Fire Tower and I request your confirmation of this action.

Board Action: The action was confirmed.

Item 8. Perimeter Survey of LU Lands

President's Request: We have entered into an agreement with the Robinson Engineering Company to complete the perimeter survey of the Land-Use lands for a consideration of \$100.00 per mile for the areas over which preliminary surveys have been made, and \$180.00 a mile for the areas upon which no such survey has been made. This will amount to approximately \$5,700 and funds are available in the Land-Use account to meet the payment. I request your confirmation of our action in this matter.

Board Action: The action was confirmed.

Item 9. Purchase and Sale of Lands -- Land Use Area

Report: Copies of a "Report on College Obtaining Options to Purchase Lands Bordering L. U. Property" were distributed for the information of the Board.

Board Action: It was moved and passed that the Executive Committee be authorized (1) to receive sealed bids to purchase land in the LU area or on the edge of the LU area, (2) to sell such lands if deemed advisable, (3) to purchase lands surrounded by LU lands or on the edge of LU lands, and (4) to consult with, and secure the approval of, the Secretary of Agriculture to the extent required in such transactions.

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Item 10. Recommendations of the Committee on Development and Public Relations.
Dr. Barnette presented for the consideration of the Board the recommendations as given under Items 11 through 15.

Item 11. Donation of Land for Reserve Corps Armory

Information: Reference was made to the action of the Board on June 11, 1956 donating a tract of land to the Federal Government for the erection of a Reserve Corps Armory under certain conditions which were not acceptable when presented to the Army. Information was given that the proposed site would be acceptable provided that the easement to the South Carolina Highway Department be limited to 100 feet from the center of U. S. Highway 76 and that a small additional area be provided at the rear of the site, including squaring off the northeast corner of the site. Information was also given that the South Carolina Highway Department, though preferring the 140 foot easement, would offer no further objection to the 100 foot restriction.

Recommendations:

- (1) That the land be donated to the Federal Government with boundaries as indicated on the Plot Plan numbered 16-06-211 as prepared by the U. S. Army Corps of Engineers, and
- (2) That the South Carolina Highway Department be granted a right-of-way easement extending along the frontage of the land donated, across the land between this frontage and the center of U. S. Highway 76, with a width of 100 feet to the center of the highway at the narrowest points.

Board Action: The recommendations were approved.

Item 12. Advisory Committees

Recommendations:

- (1) That the Board endorse the Textile Advisory Committee Program as described in the Minutes of the Meeting of the Committee on Development and Public Relations, September 17-18, 1956, and
- (2) That the Vice President for Development be authorized to institute similar programs in agriculture and other areas.

Board Action: The recommendations were approved.

Item 13. Nuclear Energy Program

Recommendations:

- (1) That the basic program of instruction and research in nuclear energy be approved as described in the Minutes of the Meeting of the Committee on Development and Public Relations, September 17-18, 1956,
- (2) That the Schools of Engineering and Arts and Sciences be permitted to add such staff members as are necessary to teach the subjects added as a result of this program, and
- (3) That the nuclear reactor when provided be set up as a separate activity and perhaps designated as a research foundation.

Board Action: The recommendations were approved.

Item 14. Fund Development Program

Recommendation: That, subject to approval and sponsorship of the Clemson Foundation, we engage the services of a nationally-recognized fund raising organization to work with us in getting a fund development program under way in 1957.

Board Action: Approved.

Item 15. Public Relations on the Hartwell Dam

Proposal: Dr. Barnette, Mr. Edwards, Mr. Sherman, and Mr. Watkins outlined proposed plans for a public relations program concerning the effect of the Hartwell Dam on College facilities and the efforts of the Board of Trustees to protect the interests of the College, including the alternate plans proposed by the Board for consideration of the Corps of Engineers.

Recommendations:

- (1) That a Public Relations Program on the Hartwell Dam begin with a news release following the October 29 meeting based upon the letter of June 29, 1956, addressed to the Corps of Engineers as authorized by the Board at the meeting of June 11, 1956,
- (2) That authority be granted to hold a press conference on November 19 on the Hartwell Dam if deemed advisable in connection with the visit to the College of Members of Congress, State Officials, and other invited guests, and
- (3) That periodic news releases be issued on the effects of the Hartwell Dam on the College facilities.

Board Action: The recommendations were approved.

Item 16. Recommendations of the Agricultural Committee. Mr. McLaurin presented for consideration of the Board the the recommendations as given under Items 17 through 23.

Item 17. Meat Inspection Regulations

Report: In the Agricultural Committee meeting on October 4, 1956, Dr. Carter presented information concerning the Meat Inspection Act passed by the South Carolina General Assembly which provided for Meat Inspection Regulations to be adopted by the Clemson College Board of Trustees. Dr. Carter said that the regulations proposed were based upon the best features of the regulations in 27 other states.

In presenting the proposed regulations, Dr. Carter said that the Act passed by the General Assembly did not provide an appropriation to administer the program, but that an initial effort could be made with the employment of one veterinarian. Under the Act, inspection at present is on a voluntary basis, Dr. Carter stated, but that if all the meat packers in the State wanted inspection under the program or if it became mandatory, a rather comprehensive program would be necessary.

Dr. Carter presented a brief history of meat inspection and pointed out that an inspection program in South Carolina is long overdue as a public service to the people of the State.

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Recommendations:

(1) That the regulations as prepared by Dr. Carter entitled, "Regulations of the Board of Trustees of Clemson Agricultural College Governing Meat Inspection", as attached to the Minutes of the Agricultural Committee Meeting, October 4, 1956, be approved.

(2) That these regulations not become effective until funds have been provided for the enforcement of the regulations.

Board Action: The recommendations were approved.

Item 18. Forestry -- Sale of Timber, Reforestation, and Research Program

Recommendation: That the funds received from the sale of timber at the Branch Stations be deposited in the reserve Revolving Fund of the Experiment Station, and expended in accordance with an approved budget.

Board Action: Approved.

Recommendation: That 92.5 acres be reforested at the Branch Stations during the Winter of 1956-1957.

Board Action: Approved.

Recommendation: That approval be granted for requesting the sum of \$30,000 from the State Legislature for the purpose of initiation of the program in Forestry Research to be centered at the Clemson and Branch Stations.

Board Action: Approved under Item 3 above.

Recommendation: That approval be granted for requesting \$15,000 in the School of Agriculture budget for the study of diseases of plants with emphasis on the diseases affecting the Camellia, Azaleas, and other ornamental plant material.

Board Action: Approved under Item 3 above.

Item 19. Dairy Department

Report: In connection with the information given by Dr. Garrison concerning the Dairy Department at the meeting of the Agricultural Committee on October 4, 1956, the Committee asked Mr. J. P. LaMaster to meet with the Committee. Mr. LaMaster reported that the number of females in the herd has been reduced from 682 in July 1955, to 646 in April 1956, and to 608 in September 1956. In answer to a question concerning the extent to which the herd could be further reduced without hurting the research program, Mr. LaMaster said that it could not be further reduced without eliminating one breed of cattle.

The Committee then directed attention to the number of milking cows in the herd and the off-campus sale of milk to wholesale dealers. In connection with the off-campus sales during the summer months, Mr. LaMaster reported that the overall breeding program is being changed so that milk production will be held at the lowest practical level during June, July, and August. With regard to the number of milking cows in the herd, Mr. LaMaster said that a maximum set by the Board could be observed without hurting the research program if the maximum were set on a variable basis and not set too low.

Mr. LaMaster added that additional milk could be sold or processed on the campus if the Dairy Bar could be equipped at the Agricultural Center and if a pilot plant for powdering milk could be built at the center.

Recommendations:

(1) That the number of milking cows in the Dairy Herd be held to a maximum of 225 to 275 with an average of 250.

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(2) That the College Staff be asked to investigate the possibility of equipping the Dairy Bar and building a pilot plant for powdering milk at the Agricultural Center.

Board Action: The recommendations were approved.

Item 20. Proposed Garden Park at the Pee Dee Station

Recommendation: That the swamp tract on the Nettles Farm (Pee Dee Station) be developed into a garden park. (Approximately 30 acres.)

Board Action: The recommendation was NOT approved.

Item 21. Propagation of Crepe Myrtle Plants

Recommendation: That Crepe Myrtle Plants be propagated from cuttings at Clemson Agricultural College, these plants to be distributed by the South Carolina Garden Club in their program of State beautification.

Board Action: Approved.

Item 22. Fertilizer Irregularities and Recommended Penalties

Recommendation: That the recommendations contained in the Report of the Department of Fertilizer Inspection and Analysis, as attached to the Minutes of the Agricultural Committee, October 4, 1956, be approved.

Board Action: Approved.

Item 23. Signs at the Branch Experiment Station

Information: Mr. McLaurin presented the following information as taken from the Report of the Agricultural Committee:

The need for adequate signs has been apparent for some time. A series of small signs have been designed for marking projects or plots.

Large signs for the Branch Experiment Stations have been considered. Large standard signs, 11 feet by 27 feet, as maintained by out-door advertising agencies, appear to be the most practical. Their agencies erect and maintain the signs on a purchase or rental basis.

A double sign will cost \$1,900.00. It may be rented for \$50.00 per month.

A single sign will cost \$1,200.00. It may be rented for \$27.50 per month.

Rental provides permanent up keep and painting every eight months. The Department of Development has under consideration a suitable format for these signs.

Board Action: That suitable signs be erected and maintained at the Branch Stations, with the Agricultural Committee charged with the responsibility of working with college officials and staff members concerning this matter.

Item 24. Recommendations of the Committee on Educational Policy and Student Affairs. Mr. Stoddard presented the recommendations of the Committee on Educational Policy and Student Affairs as given under Items 25 through 32.

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Item 25. Policy on Employment of Faculty Members

Recommendation:

That the Administration be authorized

- (1) to exercise its discretion in the employment of faculty members, and
- (2) when anticipating increased enrollment, to proceed at the proper season to employ additional instructional staff to meet the needs of prospective increases in teaching loads,

provided,

- (1) that every effort is made to compute needs accurately, and
- (2) that the number of additional staff members employed is geared to a faculty-student ratio policy of 1:16 as a minimum.

Board Action: Approved.

Item 26. Organization of the Research Faculty

Statement: The "Proposed Constitution and By-Laws of the Research Faculty of The Clemson Agricultural College" has been carefully prepared by an excellent committee of the research staff, approved at a meeting of the staff, and endorsed by the Educational Council, the Dean of the College, and the President. The Research Faculty Organization is a logical complement to the Academic Faculty Organization as approved by the Board of Trustees on April 9, 1956.

Recommendation: That the "Proposed Constitution and By-Laws of the Research Faculty" as attached to the Minutes of the Committee on Educational Policy and Student Affairs, October 5, 1956, be approved.

Board Action: Approved.

Item 27. Instruction, Research, and Public Service --- A Policy Statement on the Role of Clemson College and Its Four Schools -- Agriculture, Arts and Sciences, Engineering and Textiles.

Statement: The CMP Report emphasized the need for defining the role of the College and the roles of the schools, and Mr. Bofferding's Status Report to the Board in June 1956 indicated under "Future Priority Work" that "A policy statement on the role of each school to guide its present role and future development is needed."

The policy statement on the role of Clemson and its schools has been carefully prepared by the Dean of the College and the Deans of the Schools in consultation, reviewed by the Educational Council and the President, and edited.

Recommendation: That the policy statement attached to the Minutes of the Committee on Educational Policy and Student Affairs, October 5, 1956, be approved.

Board Action: Approved.

Item 28. A Proposed Evaluation of the Graduate Program

Statement: The original CMP Survey Report (Vol. I, II -- 30-31) recommended replacing the annual appraisal by the Board of Visitors with a "limited but specialized appraisal" each year of selected fields or areas of activity by recognized specialists. Eleven illustrative suggestions were listed with "The Schools of the College" listed eleventh.

In Mr. Bofferding's Status Report to the Board of Trustees in June (page 7) he recommended: "An evaluation of the educational program of each school is recommended. Such an evaluation by outside experts will aid charting the future program development of each of the schools."

This later recommendation has been discussed with the deans of the schools. No objection has been raised to undergoing such appraisals, but there is general agreement among the deans that with all the program study that is already being undertaken, it would be better at this time to devote the money and effort necessary for such appraisals to other activities. Nevertheless, the deans have prepared suggestions for proceeding with outside evaluations of the programs at such time as desired by the Board.

There is one area in which appraisal at this time could be of great help to the institution. This area is that of the graduate program, and an appraisal here would be an excellent beginning of an appraisal program.

Recommendation: That the following recommendations be approved:

- (1) That in line with the original CMP recommendation the Administration be authorized to begin a series of evaluations of various areas of activity,
- (2) That as a first step, the Administration arrange for an outside appraisal committee to study and make recommendations on the graduate program of the College,
- (3) That \$1500 be appropriated to cover costs of this study, and
- (4) That outside evaluations of the undergraduate schools be deferred at this time.

Board Action: The recommendations were approved.

Item 29. Proposed Changes in Engineering Degrees

Statement: For the past three or four years the American Society for Engineering Education has had a committee considering the variations in the degrees offered by engineering institutions. This committee has recently published a report including recommendations for consideration by the respective institutions concerning degree designations.

Based on the ASEE recommendations, the Engineering Faculty has recommended certain changes in the degree designations at Clemson, and the recommendations as given below have been endorsed by the Educational Council, the Dean of the College and the President. The current practice at Clemson of awarding the specifically designated degrees of Bachelor of Civil Engineering (BCE), Master of Electrical Engineering (MEE), etc. is out of line with general practice and out of line with the ASEE recommendations.

Recommendation: That the following recommendations be approved:

- (1) That for graduates of the regular four-year baccalaureate program in engineering, the degree awarded be the Bachelor of Science in the appropriate field.
- (2) That for the Master's Program, the degree awarded be the Master of Science in the appropriate field.
- (3) That the College discontinue offering the professional degrees of C.E., E.E., etc.

Board Action: The recommendations were approved.

Item 30. Entrance Examinations -- Proposed Inclusion of English and Mathematics and Proposed Increase in Fee

Statement: The Entrance Examination Program as approved by the Board in October 1955 has been carried out very satisfactorily, and it now appears appropriate and feasible to include the placement tests in English and mathematics in the examination program. This was not possible at the beginning of the program, and the entrance examination had to be supplemented by placement tests, given to most students after they arrived on the campus. Earlier placement testing is highly desirable in order that new students who need to do so may attend summer school to take remedial courses.

At a recent meeting of representatives of the four colleges participating in the program, it was agreed that the inclusion of protected examinations in English and mathematics would cost approximately four dollars per applicant in addition to the six dollars for the aptitude test. It was also agreed that the representatives of the institution would request of their governing bodies that authority be granted for increasing the entrance examination fee from six to ten dollars.

Recommendation: That authority be granted for increasing the examination fee from six to ten dollars.

Board Action: Approved.

Item 31. Forestry -- Instruction and Research

Statement: The need for instruction and research in forestry in South Carolina has been apparent for some time. Dr. Lehotsky, the new Head of our Forestry Department, has pointed up this need and recommended that we initiate a sound and comprehensive program.

In some areas of instruction and research, a beginning can be made with little funds. This is not true in forestry. For this reason, the initiation of a program must be contingent upon adequate financial support.

The cost to provide a curriculum worthy of accreditation and a sound research program is estimated as follows:

- \$73,900 will be needed for the instructional program, including \$40,300 recurrent expense, according to the estimate of the Forestry Department.
- \$30,000 is requested through the South Carolina Experiment Station for the research program.

(1) Recommendation: That new appropriations of \$73,900 under Collegiate Activities and \$30,000 under the South Carolina Agricultural Experiment Station be sought from the General Assembly to finance the proposed program in forestry instruction and research,

Board Action: Approved under Item 3 above.

(2) Recommendation: That if the funds be secured, that the program be established and the Administration authorized to establish a four-year curriculum in forestry, and

Board Action: Approved.

(3) Recommendation: That the curriculum in forestry, if established, be geared toward accreditation at the earliest date practicable.

Board Action: Approved.

Item 32. Social Fraternities

Student Resolution: In the meeting of the Committee on Educational Policy and Student Affairs, Mr. Cox referred to a resolution signed by some thirty students and presented to him last spring requesting "permission to allow social fraternities to establish themselves" at Clemson. Mr. Cox said that he did not think the College was ready for the establishment of social fraternities, especially in view of the short time which had elapsed since the change from a military system.

Recommendation: That in this period of adjustment to the changes in student life at Clemson that further study be made of social fraternities before any action is taken in this matter.

Board Action: Approved.

Item 33. Athletic Department Book Store

Information: At the April 9, 1956 meeting the Board authorized the Athletic Department to operate a book store for the sale of textbooks and supplies effective July 1, 1956 or as soon thereafter as desired by the Athletic Department. The Athletic Department has made a study of the necessary steps to be taken and the funds needed to begin operations. The estimated financial needs amount to \$50,000. The Athletic Department proposes to borrow these funds if approved by the Board and to devote 100% of net profits of the book store to the retirement of the loan.

Board Action: The Board adopted a permissive resolution that the Athletic Department may obtain the necessary capital funds to equip and stock the Athletic Department Book Store by loan from Clemson Order of IPTAY, and may pledge the equipment and inventory purchased with such funds for the repayment, or may allow IPTAY to retain title until repaid.

Item 34. Commendation of Coach Howard, His Assistants, and Clemson Football Players

Board Action: It was moved and passed that the Board of Trustees commend Coach Frank Howard, his staff assistants and the Clemson College Football Players for the splendid manner in which they have conducted themselves throughout the season thus far and for the excellent ability, training and sportsmanship that manifested itself in the victory over the University of South Carolina last week. The Board wants the coaches and players to know that it is solidly behind them in every respect and wishes for them continued excellent success.

Item 35. Clemson-Carolina Game

Report: Dr. Cooper reported on the negotiation to date with representatives of the University of South Carolina concerning the contract for the Clemson-Carolina football game in 1957 and future years.

Board Action: The Board adopted unanimously the following provisions to be included in any football-game contract or agreement with the University to be approved by Clemson:

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(1) That the games be played according to the following schedule:

1957 and 1958 -- On Thursday at Columbia as it has been scheduled in recent years.

1959 -- At the end of the season at Columbia.

1960 -- At the end of the season at Clemson.

1961 -- At the end of the season at Columbia.

1962 and future years -- At the end of the season, alternating between Clemson and Columbia.

(2) That commencing with the 1957 season:

(a) That Clemson be allocated one-half of the permanent seats,

(b) That all complimentary tickets, except the personal complimentary tickets of the presidents of the two institutions, be sent out with joint stationery including envelopes and with the communication signed by the presidents of the respective institutions or their designated representatives,

(c) That the personal complimentary tickets allotted to the presidents of the two institutions be equal in number, and

(d) That when the game is played at Clemson that the above policies concerning seats and tickets also apply.

Additional Board Action: It was moved and passed that a copy of the above action of the the Board be sent to the President of the University of South Carolina.

Item 36. Necessary Resolution on U. S. Treasury Bond

President's Statement: Mr. A. J. Brown has been directed by the Comptroller to take the necessary steps to convert to cash the securities held in the Y.M.C.A. Building Account. It has been determined that a resolution by the Board of Trustees is required in order to dispose of one \$500.00 U. S. Treasury Bond registered in the name of the Clemson College Y.M.C.A.

President's Recommendation: That the following resolution be adopted by the Board:

Be it resolved: That Mr. A. J. Brown, Assistant to the Comptroller, is hereby authorized and directed to assign or sell U. S. Treasury Bond No. 3193-C with face value of \$500.00, 2½% series due December 15, 1963-68, through banking channels at market price at such time as assignment or sale may be made.

Board Action: The resolution was adopted.

Item 37. Maid Service Charges for Permanent Guests at Clemson House

President's Recommendation: Based on a careful study of housekeeping service and costs by the staff of the Clemson House, I request approval to increase maid service charges to permanent guests from \$7.50 per month to \$15.00 per month for one person in a unit, and from \$15.00 to \$22.50 per month for two persons in a unit. This increase will enable the Clemson House to reduce the number of maids or increase revenue, either of which is absolutely necessary at this time.

Board Action: Approved.

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Item 38. Skeleton Staffing on Saturdays

President's Recommendation: In line with the practice of other State departments, the College adopted a plan of skeleton staffing on Saturdays in those departments normally working a five and one-half day week. This plan was tested during the summer months. Since it proved productive and since it greatly improved morale, I recommend that this practice be adopted on a year-round permanent basis.

Board Action: Approved.

Item 39. Honorary Degrees

Consideration by the Board: Dr. Daniel presented for the consideration of the Board the names of the six men listed with the Executive Committee on October 15, 1956, for consideration for honorary doctorates. Additional names were suggested for consideration along with these six.

Board Action: After considering the complete list of names, the Board took the following actions:

- (1) That the limit of four honorary degrees to be awarded at any one time as adopted by the Board on April 20, 1954, be rescinded,
- (2) That, in addition to John H. Kangeter, previously approved, the following named men be approved for the award of honorary doctorates at the June 1957 Commencement:

JAMES WILSON NEWMAN
JOHN RODERICK HELLER
MALCOLM EUGENE CAMPBELL
WARREN THOMAS WHITE
ALLEN STANLEY BEDELL
CLAUDE RICHELIEU MCMILLAN
FRED TAYLOR
ROBERT C. BLAIR
OWEN ROBERTSON CHEATHAM
JOHN CALHOUN HENAGAN

- and (3) That the appropriate honorary doctorate to be awarded each man be left to the decision of the President.

Item 40. Student Drivers of College Vehicles

President's Recommendation: It has been the practice to allow students to drive college vehicles for work relating to academic requirements, i.e., practice teaching, laboratory field trips, and student publications. It is recommended that authority be granted for the school to continue the practice.

Board Action: Approved.

Item 41. Enrollment Statistics and Other Information

Information: For the information of the Board, Mr. Walter Cox distributed copies of A Report on Entrance Examinations, Grade-Point Ratio Tables, An Enrollment Graph, and Enrollment Tables.

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Item 42. Transfer of Dr. H. M. Brown

Board Action: In an executive session the Board passed unanimously:

- (1) That the Dean of the Textile School, Dr. H. M. Brown, be relieved June 30, 1957 and be transferred to Department of Physics or some allied field at no less salary,
- (2) That the South Carolina Textile Manufacturers Association be requested to select and recommend a successor and any needed assistance, and
- (3) That Dr. Poole be directed to diplomatically make this change in confidence.

Item 43. Date for March Meeting of Board

Authorization: The Board authorized the Secretary to poll the members of the Board on suggested dates approximately two months prior to the time for the March meeting.

Item 44. Review of Press Release on Board Meeting. Mr. J. E. Sherman, Director of Public and Alumni Relations, reviewed for the Board his proposed news releases concerning the meeting.

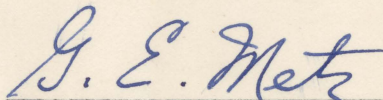
Item 45. Final Roll Call Vote

Resolution: RESOLVED That all measures and recommendations made at this the October 29, 1956 meeting which, according to the By-Laws, require a roll call vote of nine or more members, be hereby adopted and confirmed, and that the Comptroller be authorized to issue his checks for all expenditures authorized at this meeting.

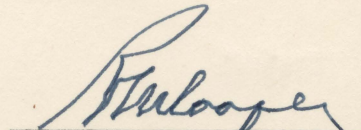
Board Action: The resolution was unanimously ADOPTED on roll call vote with ten members voting "aye".

Item 46. Adjournment. There being no further business, the Chairman declared the meeting adjourned -- 6 p. m.

CORRECT:


G. E. Metz, Secretary

APPROVED:


R. M. Cooper, Chairman